

What is claimed is:

1. An electric contact of plug connector formed by folding a blank of a certain configuration to be inserted into a receiving cell of a housing having the receiving cell and fitted on the housing,

the electric contact of plug connector comprising, when a depth direction, a width direction and a thickness direction all being perpendicular to each other are assumed, a body having a barrel for crimping an electric wire, and a tab extending rearward in the depth direction from the body,

the tab comprising two plates formed by folding a part of the blank and overlapping them in the thickness direction, one plate providing a base plate and the other plate providing a contact plate for contacting a counterpart electric contact,

the rear end in the depth direction of the base plate protruding rearward beyond the rear end in the depth direction of the contact plate and forming a protruding part, and

the electric contact being arranged in that when the body is set in the receiving cell of the housing, the base plate of the tab protruding out of the receiving cell is supported by the housing, and the protruding part is fitted on the housing so that the tab does not lift in the thickness direction from the housing.

2. The electric contact of plug connector as recited in claim 1,

wherein the base plate and the contact plate are folded along a boundary line extending in the depth direction at one edge in the width

direction.

3. The electric contact of plug connector as recited in claim 1, wherein the base plate and the contact plate are folded along a boundary line extending in the width direction on the rear side in the depth direction.

4. The electric contact of plug connector as recited in claim 1, wherein a part of the body being adjacent to the tab is greater at least in one dimension of the dimension in the width direction and the dimension in the thickness direction than that of the tab to provide a fitting-in part for fitting in the receiving cell of the housing.

5. The electric contact of plug connector as recited in claim 2, wherein a part of the body being adjacent to the tab is greater at least in one dimension of the dimension in the width direction and the dimension in the thickness direction than that of the tab to provide a fitting-in part for fitting in the receiving cell of the housing.

6. The electric contact of plug connector as recited in claim 3, wherein a part of the body being adjacent to the tab is greater at least in one dimension of the dimension in the width direction and the dimension in the thickness direction than that of the tab to provide a fitting-in part for fitting in the receiving cell of the housing.

7. A housing of plug connector into which the electric contact of plug connector as recited in claim 1 is inserted and on which the electric contact is fitted,

the housing of plug connector comprising, when a depth direction, a width direction and a thickness direction all being perpendicular to each other are assumed,

a receiving body having a receiving cell into which the electric contact with electric wire connected thereto is inserted,

a supporting wall extending rearward in the depth direction from a part on one side in the thickness direction of the receiving cell of the receiving body and supporting the base plate of the electric contact on one face of both faces in the thickness direction,

a top end wall rising on the one face of the supporting wall at the rear side in the depth direction of the supporting wall, and

a fitting wall extending frontward in the depth direction from the top end wall, being spaced from the one face of the supporting wall in the thickness direction by a distance equal to or greater than the thickness of the blank of the electric contact, and contacting the protruding part of the tab to restrict the tab from lifting from the supporting wall.

8. A housing of plug connector into which the electric contact of plug connector as recited in claim 2 is inserted and on which the electric contact is fitted,

the housing of plug connector comprising, when a depth direction, a width direction and a thickness direction all being perpendicular to each

other are assumed,

a receiving body having a receiving cell into which the electric contact with electric wire connected thereto is inserted,

a supporting wall extending rearward in the depth direction from a part on one side in the thickness direction of the receiving cell of the receiving body and supporting the base plate of the electric contact on one face of both faces in the thickness direction,

a top end wall rising on the one face of the supporting wall at the rear side in the depth direction of the supporting wall, and

a fitting wall extending frontward in the depth direction from the top end wall, being spaced from the one face of the supporting wall in the thickness direction by a distance equal to or greater than the thickness of the blank of the electric contact, and contacting the protruding part of the tab to restrict the tab from lifting from the supporting wall.

9. A housing of plug connector into which the electric contact of plug connector as recited in claim 3 is inserted and on which the electric contact is fitted,

the housing of plug connector comprising, when a depth direction, a width direction and a thickness direction all being perpendicular to each other are assumed,

a receiving body having a receiving cell into which the electric contact with electric wire connected thereto is inserted,

a supporting wall extending rearward in the depth direction from a part on one side in the thickness direction of the receiving cell of the

receiving body and supporting the base plate of the electric contact on one face of both faces in the thickness direction,

a top end wall rising on the one face of the supporting wall at the rear side in the depth direction of the supporting wall, and

a fitting wall extending frontward in the depth direction from the top end wall, being spaced from the one face of the supporting wall in the thickness direction by a distance equal to or greater than the thickness of the blank of the electric contact, and contacting the protruding part of the tab to restrict the tab from lifting from the supporting wall.

10. A housing of plug connector into which the electric contact of plug connector as recited in claim 4 is inserted and on which the electric contact is fitted,

the housing of plug connector comprising, when a depth direction, a width direction and a thickness direction all being perpendicular to each other are assumed,

a receiving body having a receiving cell into which the electric contact with electric wire connected thereto is inserted,

a supporting wall extending rearward in the depth direction from a part on one side in the thickness direction of the receiving cell of the receiving body and supporting the base plate of the electric contact on one face of both faces in the thickness direction,

a top end wall rising on the one face of the supporting wall at the rear side in the depth direction of the supporting wall, and

a fitting wall extending frontward in the depth direction from the

top end wall, being spaced from the one face of the supporting wall in the thickness direction by a distance equal to or greater than the thickness of the blank of the electric contact, and contacting the protruding part of the tab to restrict the tab from lifting from the supporting wall.

11. A housing of plug connector into which the electric contact of plug connector as recited in claim 5 is inserted and on which the electric contact is fitted,

the housing of plug connector comprising, when a depth direction, a width direction and a thickness direction all being perpendicular to each other are assumed,

a receiving body having a receiving cell into which the electric contact with electric wire connected thereto is inserted,

a supporting wall extending rearward in the depth direction from a part on one side in the thickness direction of the receiving cell of the receiving body and supporting the base plate of the electric contact on one face of both faces in the thickness direction,

a top end wall rising on the one face of the supporting wall at the rear side in the depth direction of the supporting wall, and

a fitting wall extending frontward in the depth direction from the top end wall, being spaced from the one face of the supporting wall in the thickness direction by a distance equal to or greater than the thickness of the blank of the electric contact, and contacting the protruding part of the tab to restrict the tab from lifting from the supporting wall.

12. A housing of plug connector into which the electric contact of plug connector as recited in claim 6 is inserted and on which the electric contact is fitted,

the housing of plug connector comprising, when a depth direction, a width direction and a thickness direction all being perpendicular to each other are assumed,

a receiving body having a receiving cell into which the electric contact with electric wire connected thereto is inserted,

a supporting wall extending rearward in the depth direction from a part on one side in the thickness direction of the receiving cell of the receiving body and supporting the base plate of the electric contact on one face of both faces in the thickness direction,

a top end wall rising on the one face of the supporting wall at the rear side in the depth direction of the supporting wall, and

a fitting wall extending frontward in the depth direction from the top end wall, being spaced from the one face of the supporting wall in the thickness direction by a distance equal to or greater than the thickness of the blank of the electric contact, and contacting the protruding part of the tab to restrict the tab from lifting from the supporting wall.

13. The housing of plug connector as recited in claim 7,

wherein cross walls rising in the thickness direction are provided on both sides in the width direction of a part of the supporting wall for receiving the base plate of the electric contact.

14. The housing of plug connector as recited in claim 7,
wherein the thickness of the fitting wall is substantially identical to
the thickness of the blank of the electric contact.

15. The housing of plug connector as recited in claim 10,
wherein an accepting part into which the fitting-in part of the
electric contact is fitted is provided at the rear end of the receiving cell
of the receiving body.